

the MAGAZINE of STANDARDS

in two parts—part two, February 1969

INDEX

Volume 39—January-December 1968

A

Ailleret, P., honored by USASI at 50th anniv mtg, 339

Aircraft, ISO work, 249

Air quality, chemical industry program, 216

Alaback, G. J., vice-chmn, Company Mbr Council, USASI, 5; 10

Alden, A. E., Stds star in cinematography, 200

Alexander, S. N., obituary, 28

Ambler, E., 50th anniv mtg speaker, 337

American Gear Mfrs Assn, stdzn program, 242

American Inst of Mining, Metallurgical and Petroleum Engrs, founder, USASI, 324

American Machinist magazine urges USASI support, 375

American Nuclear Soc, role in stdzn, 27; 75; 378

American Soc for Testing and Materials founder, USASI, 324

honorary members, 213

officers, 244

seminar on stdzn, 88

stdzn programs, 162

American Soc of Civil Engrs, founder, USASI 324

American Soc of Mechanical Engrs founder, USASI, 324

press conf on safety stds, 88

American Soc of Safety Engrs, Lamb, H. G., nominated pres, 313

American Welding Soc stdzn program, 38

Anderson, V. M., Board of Directors, USASI, 119

Andrews, A. M., 50th anniv mtg speaker, 352

Andrus, W. E., Jr

ASTM director, 244

vice-pres, USASI, 5; 6

Appliance Engineer magazine urges USASI support, 181

Appliances—see Electrical appliances

Architectural Aluminum Mfrs Assn adopts safety glazing stds, 181; 245

Architectural barriers to the handicapped, removal, 34; 183

Arnold, P., Focus on stdzn, 194

Astin, A. V.

50th anniv mtg speaker, 336

UL trustee, 376

Voluntary stdzn and the govt, 50 years of cooperation, 167

Audio-visual stds, com work, 87; 218

Automobiles—see motor vehicles

Awards, USASI

Howard Coonley Medal, 341

Polk, L., chmn, 87

Stds Medal, 342

B

Badeau, C. A., chmn, Company Mbr Council, USASI, 5; 10

Abbreviations of Organization Names

ANS American Nuclear Society

ASME American Society of Mechanical Engineers

ASTM American Society for Testing and Materials

AWS American Welding Society

COPANT Pan American Standards Commission

IEC International Electrotechnical Commission

IMMS International Material Management Society

ISO International Organization for Standardization

NBS National Bureau of Standards

UK United Kingdom

UL Underwriters' Laboratories

USASI United States of America Standards Institute

USNC United States National Committee

USSR Union of Soviet Socialist Republics

Burns, C. H., manager, IEC 1970 Mtg, 374

Business Equipment Mfrs Assn, Grove, A. C., director stds, data processing group, 85

Bylaws, USASI, 85

C

Caffiaux, J. A., vice-pres, USNC, IEC, 100

Canada, Natl Stds Council, 151

CB Bulletin, 26

Certification

com work, 250

proposed industry program, 109

USASI, 81; 276

Chalker, R. G., stds personality, 51

Chalker, R. G., and Savolainen, A., The role of ANS in nuclear stds, 75

Chambers, C. C.

pres, Amer Soc for Engng Education, 216

vice-pres, USNC, IEC, 100

Chaucer, D.

ASTM director, 244

Let's dig consumer stds: a play in one act with five characters, 366

Chemical industry

air quality stds, 216

stdzn program, 137

Chesebrough, H. E.

director-genl, SIMCA, 26

50th anniv mtg speaker, 346

Childers, A., honored by Defense Communications Agency, 89

Cinematography, contributions of stdzn to, 200

Clair, M. N., Howard Coonley Medal recipient, 341

Company Mbr Council, USASI, 6

Computers—see information processing

Conduits, fluid flow in, ISO work, 246

Connors, J. D., Board of Directors, USASI, 5; 10

Construction, making bldgs accessible to handicapped, 34

Consumer Council, USASI, 311

accomplishments, 204

Executive Com recommendations, 7

officers, 6; 11

safety session sponsor, 184

Consumer Product Safety Com, USASI, 277

Consumer stdzn programs, 258

certification and labeling, USASI, 81; 276

evaluation, 174

50th anniv mtg sessions, 344; 345; 347; 348; 349

industry and govt cooperation, 144

meaningful stds, 366

National Commission on Product Safety, 248

Product Safety Com, USASI, 277

proposal by USASI to B. Furness' office, 373

UL safety bulletin, 183

Baker, C. A., Revised textile stds aid consumers, retailers, and mfrs, 207

Bathtubs, plastic, and shower units, performance stds, 245

Batten, F. W.

Board of Directors, USASI, 179

50th anniv mtg speaker, 348

Binney, H. A. R., 50th anniv mtg speaker, 346

Blackall, F. S., III

50th anniv mtg moderator, 349

vice-pres, USASI, 5

Blackmon, H.

honored by USNC, IEC, 101

vice-pres, USNC, IEC, 100

Board of Directors, USASI, 5; 10; 119; 179; 279

Boating safety, 114; 238

Bogart, H. N., ASTM pres, 244

Boggs, E. M., 50th anniv mtg speaker, 351

Bowen, G. W., honored by IMMS, 314

Brehm, H. E., Consumer Product Safety Com chmn, USASI, 277

British Stds Inst, technical help to exporters, 52

Building

codes, 268

components and systems, precoordination, com work, 317

USASI offers to coordinate stds, 179

Burch, A. F.

50th anniv mtg speaker, 351

stds personality, 365

Coonley Medal—see Howard Coonley Medal
Courtney, D. A., exec secy, Soc of Motion Picture and Television Engrs, 182
Cranes, derricks, hoists, jacks, and slings, com work, 152
Cutting and welding safety, 38; 140

D

Dalzell, R. C., retires, 89
Dana, Margaret, UL trustee, 376
Data processing—see information processing
Deere and Company, standards newsletter, 185
Dental materials and devices, 281
Derricks, cranes, hoists, jacks, and slings, com work, 152
Dewey, C. G., com vice-chmn, 55
Diving safety, 281
Dresner, L., stds personality, 237
Dreyfuss, H.
 designs USASI symbol, 322
 Symbols: communicating without an accent, 298
Duffy, T. J., com secy, 218

E

Eberhard, J. P., Government involvement in stds, 72
Economic Commission for Asia and the Far East, stdzn mtgs, 54
Electrical appliances, leakage current, com work, 119; 315
Electrical and electronics apparatus, reference designations, 279
Electrical and electronics stdzn, history, 290
Electrical industry, UK, metric conversion, 210
Electrical instruments, com work
 indicating, 187
 reference, 188
Emery, J. K., pres, Stds Engrs Soc, 53
Engineering and Commodity Stds Panel, implementation of recommendations, 304
Environmental testing, IEC work, 280
Ewert, F. C., stds personality, 117
Eye protection, 179

F

Feinberg, A. E., com chmn, 180
Fenton, E. A., AWS welds a stdzn program, 38
Fiftieth anniv mtg—see United States of Amer Stds Inst
Films, plates, and papers, photographic, com work, 57
Fitzgerald, F. S.
 Board of Directors, USASI, 5; 10
 Certification Com chmn, USASI, 276
 50th anniv mtg speaker, 347
Fluid flow in closed conduits, ISO work, 246
Fluid power glossary, 315
Food industry
 packaging stds, 218
 participation in stdzn urged, 213
Freezers, home and farm, and household refrigerators, com work, 56
French, G. T., 50th anniv mtg moderator, 351

French, J. S., mgr, stds and practices, ISA, 180
Frontard, R., director genl, French Stds Assn, 314
Furness, B.
 50th anniv mtg speaker, 345
 offers assistance to USASI, 373
Fynn, P. J.
 chmn, Consumer Council, USASI, 6; 11
 50th anniv mtg moderator, 347
 stds personality, 17

G

Gidel, R. D., A case for a USA Std procedure for providing hazardous substances information, 68
Glazing, safety
 architectural, 121; 181; 245
 auto, COPANT, 84
Glossary, fluid power, 315
Gourlie, W. H., Standards Medal recipient, 342
Gracia, A. J., Board of Directors, USASI, 5; 11
Graphic arts, color quality appraisal std, 282
Grey, V. G., vice-chmn, Physical Distribution Stds Board, USASI, 150
Grove, A. C., director of stds, Business Equipment Mfrs Assn's data processing group, 85

H

Haeusler, R., com chmn, 90
Harris, F. K., NBS Rose Award recipient, 54
Head protection
 industrial, com work, 250
 vehicular certification, 314
Hepner, W. S., Jr., joins USASI staff, 314
Herwald, S. W., congratulates USASI on 50th anniv, 325
Highway safety—see motor vehicles, safety
Highway Traffic Safety Stds Board, USASI, officers, 83
Hohn, G. F., The IEC meets in London, 360
Hoist Mfrs Inst, stdzn given priority, 314
Hoists, cranes, derricks, jacks, and slings, com work, 152
Hollingsworth, D. F., Board of Directors, USASI, 5; 11
Horowitz, E., 50th anniv mtg speaker, 337
Howard Coonley Medal, 341

I

Ignatius, P. R., congratulates USASI on 50th anniv, 327
Illuminating engrg, nomenclature and definitions, 178
Information processing
 com work, 280
 ISO work, 315
 USA Std adopted by fed govt, 119
Institute of Elec and Electronics Engrs, founder, USASI, 324
Instrument Soc of Amer, Platt honored, 376

Instruments, calibration of, com work, 278
Instruments, elec, com work
 indicating, 187
 reference, 188
Insulation coordination, com work, 250
International Commission on Rules for the Approval of Elec Equipment, CB Bulletin, 26

International Electrotechnical Commission
Burns, C. H., 1970 Genl Mtg mgr, 374
catalogue and handbook, 184
environmental testing, 280
General mtg, London, 246; 360
process control, USA Advisory Com, 312
recommendations, new, 95; 159; 223; 255
U.S. Natl Com
 officers, 100
 seminar, 98; 104

International Material Management Soc
Bowen honored, 314
International Organization for Stdzn
 aircraft, 249
 Council actions, 229
 fluid flow in closed conduits, 246
 information processing, 315
 news bulletin proposed, 55
 photography, 376
 plastics, 376
 process control, USA Advisory Com, 312
 recommendations, new, 63; 95; 159; 223; 287
 report by pres, 231
 Sharpston, C. H., resigns, 278
 shock and vibration, 280
 tires, rims, and valves, 184; 377
 welding symbols, 216
International stdzn
 significance to trade, 42; 351
 trade policy, USA, 148
Irish Republic to adopt metric system, 248

J

Jacks, cranes, derricks, hoists, and slings, com work, 152
Jaffe, W. J., com chmn, 219
Jenkins, J. H., 50th anniv mtg speaker, 346
Jones, G. E., 50th anniv mtg speaker, 339
Jones, M. G., 50th anniv mtg speaker, 348
Jordan, J. P., obituary, 249

K

Karger, D. M., com vice-chmn, 219
Karns, J. L., vice-chmn, Highway Traffic Stds Board, USASI, 83
Kelley, A. B., 50th anniv mtg speaker, 348
Kelly, A. S., Fifty years of safety stds, 130
Kettner, R. E., vice-chmn, Nuclear Stds Board, USASI, 84
Kirkland, W. G., The fabric of bldg codes, 268
Kitchen cabinets, 378
Kloss, D. S., III, com secy, 152
Kooker, E. M., stds personality, 143
Kushner, L. M., 50th anniv mtg speaker, 337

L

Labeling
 natl std needed for hazardous substances, 68
 USASI, 81; 250; 276

Labor camps, sanitation, 234

Ladders, portable wood, 272

Lamb, H. G., nominated pres of Amer Soc of Safety Engrs, 313

Landis, J. W.
 chmn, Nuclear Stds Board, USASI, 84
 50th anniv mtg speaker, 349
 regional vice-pres, Gulf General Atomic, Inc, 280

LaQue, F. L.
 50th anniv mtg speaker, 350
 to speak at SES mtg, 247
 UL trustee, 376
 What happened to the recommendations of the panel on engrg and commodity stds?, 304

Lasers and masers, safety, 247

Leakage current, elec appliances, com work, 119; 315

Legality of stdzns, 18

Levenson, H. S., stds personality, 303

Lighting, NBS proposes flattery index, 54

Ludwig, N., 50th anniv mtg speaker, 352

Lyle, D. S., honored by Valparaiso University, 376

M

McAdams, W. A.
 Electrotechnical stds: 90 years of progress, 290
 50th anniv mtg speaker, 352
 pres, USNC, IEC, 98
 The IEC and USNC in perspective, 104

McCune, F. K.
 50th anniv mtg
 message, 323
 speaker, 344
 pres, USASI, 2

McElroy, F. S., Revised std clarifies work injury recording, 48

MacFarlane, R. T., com chmn, 218

McGrath, W. L.
 Consumer protection—through industry initiative or fed law?, 109
 vice-pres, USASI, 5

Mackenzie, K. G., obituary, 28

McMillan, J. R., congratulates USASI on 50th anniv, 325

McNair, J. W., obituary, 374

Markwardt, L. J., Guide to ladder safety, 272

Marshall, T. A., Jr., Testing time for stdzns, 162

Masers and lasers, safety, 247

Materials and Testing Stds Board, USASI, officers, 316

Materials handling, pictorial markings, 233

Mechanical power transmission apparatus, safety code for, com work, 55

Meckley, D. G., III, Board of Directors, USASI, 5; 11

Megliola, R. J., honored by Nat Assn of Purchasing Agents, 377

Member Body Council, USASI, officers, 5

Metric Advisory Com, USASI, 276; 372

Metric system
 50th anniv mtg session, 345
 Irish Republic to adopt, 248
 United Kingdom, 210; 370
 USASI advisory com, 276; 372

Midwest regional conf on stds, D. L. Peyton speaks, 313; 372

Morgan, C. S., USASI goes boating!, 114

Morin, J. R., com chmn, 180

Motor vehicle safety
 com work, 90
 glazing manual, COPANT, 84
 inspection requirements, com work, 282

Mount, J., com chmn, 152

Muller, F., Jr., Standards revolutionize transport industry, 226

N

National Assn of Purchasing Agents, Megliola honored, 377

National Bureau of Stds
 lighting, proposed flattery index, 54
 Rose Award recipient, 54
 tour for USASI's 50th anniv mtg, 335
 weights and measures stds to states, 28

National Commission on Product Safety, White, W. V., exec director, 248

National Elec Code, 354

National Kitchen Cabinet Assn to submit stds to USASI, 378

North, H. Q., Board of Directors, USASI, 5; 11

Nuclear engrg, ANS work, 27; 75; 378

Nuclear Stds Board, USASI, officers, 84

O

Obituaries
 Alexander, S. N., 28
 Jordan, J. P., 249
 Mackenzie, K. G., 28
 McNair, J. W., 374

P

Packaging food, 218

Paddock, A. J.
 Board of Directors, USASI, 179
 50th anniv mtg speaker, 350

Pakala, W. E., com vice-chmn, 281

Pallets, com work, 152; 250

Pan Amer Stds Commission
 auto safety glazing manual, 84
 mtg in Peru, 111

Pell, C., 50th anniv mtg speaker, 346

Performance stds, principles, 30

Periodicals, format and arrangement, 45

Personalities, stds, 17; 51; 117; 143; 173; 203; 237; 303; 332; 333; 343; 365

Pertschuk, M., Protecting the consumer without legislative overkill, 144

Peyton, D. L.
 food industry forum speaker, 213
 6th Midwest Regional Conf on Stds speaker, 313; 372

Q

Queener, J. S., 50th anniv mtg speaker, 351

R

Radiation hazards, radio-frequency, com work, 316

Radio-electrical coordination, com work, 281

Ray, H. L., 50th anniv mtg speaker, 345

Refrigerators, household, home and farm freezers, com work, 56

Reinhart, F. W., vice-chmn, Materials and Testing Stds Board, USASI, 316

Resor, S. R., congratulates USASI on 50th anniv, 328

Ritter, G. W., UL Trustee, 376

Roush, J. E., 50th anniv mtg speaker, 344

Rubber protective equipment for elec workers, com work, 90

Rush, A. F.
 50th anniv mtg moderator, 345
 vice-chmn, Consumer Council, USASI, 6; 11

S

Saacke, F. C., National welding std updated, 140

Safety

ASME press conf, 88
boating, 114; 238
Consumer Product Com, USASI, 277
cranes, derricks, hoists, jacks, and slings, com work, 152
diving operations, 281
elec appliances, leakage current com work, 119; 315
eye protection, 179
glazing materials, architectural, 121; 181; 245

head protection

industrial, com work, 250
vehicular, 314

history of stds development, 130

household product, 184; 248; 277

labeling std required for identifying hazardous substances, 68

ladders, portable wood, 272

lasers and masers, 247

mechanical power transmission apparatus, code for, 55

motor vehicles

com work, 90
glazing, COPANT, 84

inspection requirements, com work, 282

occupational and health act, 50th anniv mtg session, 350

radiation hazards, radio-frequency, com work, 316

rubber protective equipment, elec, com work, 90

sanitation for temporary labor camps, 234

UL product bulletin, 183

welding and cutting, 38; 140

window cleaning, com work, 186

work injury experience, recording, 48

Salter, E. H., retires, 180

Samuels, H. J., 50th anniv mtg speaker, 344

Sanitation for temporary labor camps, 234

Savolainen, A., and Chalker, R. G., The role of ANS in nuclear stds, 75

Schlüter, C. F., 50th anniv mtg moderator, 350

Sears, J. C., Geared for stds, 242

Sensitometry, photographic, com work, 57

Sharpston, C. H., resigns from ISO, 278

Shock, mechanical, and vibration, ISO work, 280

Shower units, plastic, and bathtubs, performance stds, 245

Showers, R. M., com chmn, 281

Silverman, S., 50th anniv mtg speaker, 336

Slavin, J. M., chmn, Highway Traffic Safety Stds Board, USASI, 83

Slings, cranes, derricks, hoists, and jacks, com work, 152

Smith, C. R., congratulates USASI on 50th anniv, 328

Smith, J. F., com secy, 55

Smith, R. B., ASTM vice-pres, 244

Smith, T. A., 50th anniv mtg speaker, 344

Stackpole, C. S., 50th anniv mtg speaker, 347

Standardization, legality of, 18

Standards Engrs Soc, officers, 53

Standards Medal, 342

Stanford, C. J.

50th anniv mtg speaker, 352

stds personality, 332

Sturén, O.

50th anniv mtg speaker, 352

stds personality, 333

Sünter, F. A.

honored by USASI at 50th anniv mtg, 339

program for progress of ISO, 231

Swankin, D. A., 50th anniv mtg speaker, 350

Switchgear, power, com work, 316

Symbols

electrical and electronics diagrams, 244

materials handling, 233

pictorial, conceptual, and abstract, 298

T

Tanz, E., com chmn, 186

Teplow, L., stds personality, 203

Terminology, industrial engrg, com work, 219

Texas govt agency joins USASI, 245

Textile fabrics, performance requirements, 207; 247

Timson, E., Board of Directors, USASI, 279

Tires, rims, and valves, ISO work, 184; 377

Tools, cutting, holders, drivers, and bushings, com work, 56

Transport industry, contributions of stdzn, 226

Trice, H. N., chmn, USASI's 50th anniv mtg program, 83

Trowbridge, R. P., chmn, Mbr Body Council, USASI, 5

Tryon, G. H., A look into the 1968 natl elec code, 354

Turner, H. V., com vice-chmn, 218

U

Underwriters' Laboratories

consumer safety bulletin, 183

elec current leakage research, 315

trustees, 376

USSR stds delegation visits USA, 12

United Kingdom, metric conversion, 210; 370

USA govt

see also Natl Bureau of Stds

Army Dept, founder, USASI, 324

Commerce Dept

Engineering & Commodity Stds Panel, implementation of recommendations, 304

founder, USASI, 324

cooperation in voluntary stds development, 167

Interagency Com on Stds Policy, 183

National Commission on Product Safety, 248

Navy Dept, founder, USASI, 324

Occupational Safety and Health Act, 50th anniv mtg session, 350

President's asst for consumer affairs offers to assist USASI, 373

role in supporting stdzn, 72

U. S. Std for information processing adopted, 119

United States of Amer Stds Inst

see also Awards; Board of Directors; Certification; Company Mbr Council; Consumer Council; Consumer Product Safety Com; Member Body Council; Metric Advisory Com; Personalities annual mtg, 2

bldg stds coordination, 179

bylaws, changes in, 85

certification and labeling program, 81; 276 cited for establishing Consumer Council, 311

Current Projects published, 247

editorials urge support

American Machinist, 375

Appliance Engr, 181

Fiftieth anniv mtg

founders' messages, 324

message from pres, 323

program, 264; 296; 334

program com, 83

series, 66; 130; 162; 167; 194; 226; 258; 290

world stds leaders' congratulations, 329

foreign std service to industry, 24

history of, 66

officers, 5; 6

Public Information Dept formed, 148

symbol adopted, 322

V

Van Rhijn, F. F., 50th anniv mtg speaker, 352

Verman, L. C., honorary mbr, ASTM, 213

Vibration and mechanical shock, ISO work, 280

Van Gierke, H. E., stds personality, 173

W

Webber, A. C., vice-chmn, Mbr Body Council, USASI, 5

Weights and measures, NBS presents new stds to states, 28

Welding

safety, 38; 140

symbols, ISO work, 216

West Germany consumer group visits USASI, 215

Whitaker, B., 50th anniv mtg speaker, 347

White, R. V., Consumerism is everybody's business, 258

White, W. V.

exec director, Natl Commission on Product Safety, 248

50th anniv mtg speaker, 348

Wilson, W. R., com vice-chmn, 316

Window cleaning safety, com work, 186

Windows, performance stds, 217

Work injury experience, method of recording and measuring, 48

